

## **ELECTRONIC SURVEILLANCE VIA CORRELATION OF CALL LEGS**

### **ABSTRACT**

5 A variety of methods and systems can be used to achieve electronic  
surveillance when a call is directed to a destination as a result of service processing.  
For example, in a system involving a redirecting switch and a service platform  
switch, correlation between calling party identities for outgoing and incoming call  
legs can be done to identify a hairpin loop scenario. Upon detection of such a  
scenario, an appropriate electronic surveillance message can be sent to a monitoring  
10 device indicating the call's destination. Correlation information can be collected  
from available call setup signaling parameters. The methods and systems can be  
applied, for example, to systems involving directory assistance call completion,  
voice-activated dialing, voicemail callback, and prepaid services.

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